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KEY TO ABBREVIATIONS, ACRONYMS, & SYMBOLS

A–a gradient [short for $P_{(A-a)O_2}$] = alveolar-arterial oxygen-tension gradient
a–A ratio [short for $P_{(a/A)O_2}$] = arterial-alveolar oxygen-tension ratio
AARC = American Association for Respiratory Care (formerly AART)
AART = American Association for Respiratory Therapy (now AARC)
ABG = arterial blood gas
ACCP = American College of Chest Physicians
ADL = activities of daily living
AIDS = acquired immunodeficiency syndrome
ALA = American Lung Association
ALS = amyotrophic lateral sclerosis
APRV = airway pressure release ventilation
ARDS = adult respiratory distress syndrome
ARF = acute respiratory failure
ATS = American Thoracic Society
auto-PEEP = unintended positive end-expiratory pressure
Basics of RD = Basics of Respiratory Disease (a Journal Feature)
BPD = bronchopulmonary dysplasia
CAI = computer-assisted instruction
CCC = chondroplasia calcificans congenita
CDC = Centers for Disease Control
CLD = chronic lung disease
CO = carbon monoxide
C.O. = cardiac output
CO_2 = carbon dioxide
COLD = chronic obstructive lung disease
COPD = chronic obstructive pulmonary disease
CPAP = continuous positive airway pressure
CPR = cardiopulmonary resuscitation
CPT = chest physical therapy
CVA = cerebral vascular accident
DRG = diagnosis-related group
ECMO = extracorporeal membrane oxygenation
EIB = exercise-induced bronchospasm
EMT = emergency medical technician
EOA = esophageal obturator airway
EPAP = end-positive airway pressure
$FEF_{25-75\%}$ = mid forced expiratory flow
FEV_1 = forced expiratory volume in 1 second
F_{IO_2} = fraction of inspired oxygen
FVC = forced vital capacity
HBO = hyperbaric oxygen
HFJV = high-frequency jet ventilation
HFO = high-frequency oscillation
HFPPV = high-frequency positive-pressure ventilation
HFPV = high-frequency percussive ventilation
HFV = high-frequency ventilation
HMD = hyaline membrane disease
HME = heat & moisture exchanger
ICP = increased intracranial pressure
ICU = intensive care unit
I:E = inspiration-expiration ratio
IMV = intermittent mandatory ventilation
IPPB = intermittent positive-pressure breathing
IPPV = intermittent positive-pressure ventilation
IRDS = idiopathic respiratory distress syndrome
IV = Roman numeral 4
I.V. = intravenous
JCAH = Joint Commission on Accreditation of Hospitals
JCAHO = Joint Commission on Accreditation of Healthcare Organizations
MLT = minimum leak technique (of cuff inflation)
MRI = magnetic resonance imaging
MV = mechanical ventilation
NBRC = National Board for Respiratory Care
NIF = negative inspiratory force
O_2 = oxygen
$P_{(A-a)O_2}$ = alveolar-arterial oxygen-tension gradient
$P_{(a/A)O_2}$ = arterial-alveolar oxygen-tension ratio
P_{aO_2} = arterial oxygen tension
PDA = patent ductus arteriosus
PEEP = positive end-expiratory pressure
PFT = pulmonary function test or testing
PIE = pulmonary interstitial emphysema
P_{O_2} = partial pressure of oxygen
PSV = pressure-support ventilation
$P_{\bar{v}O_2}$ = mixed venous oxygen tension
RDS = respiratory distress syndrome (of infants)
RICU = respiratory intensive care unit
RIP = respiratory inductive plethysmograph or plethysmography
SCCM = Society of Critical Care Medicine
SI = System International (a system of units of measure)
SIDS = sudden infant death syndrome
SIMV = synchronized intermittent mandatory ventilation
$S_{\bar{v}O_2}$ = mixed venous oxygen saturation
T-E = tracheoesophageal
torr = mm Hg (millimeters of mercury pressure)
TYRS = Test Your Radiologic Skill (a Journal feature)
VC = vital capacity
$\dot{V}_{CO_2}$ = carbon dioxide production
V_D/V_T = ratio of dead space to tidal volume
$\dot{V}_E$ = expired minute ventilation
$\dot{V}_{O_2}$ = oxygen uptake
V_T = tidal volume

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